

***LineUp With Math™* Alignment**
South Dakota Mathematics Content Standards
May 17, 2004

Algebra Standards

Indicator 3: Interpret and develop mathematical models.

Standard and Supporting Skills

6.A.3.2. (Application)
 Solve one-step problems involving ratios and rates.

LineUp With Math™ Activities

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

Indicator 4: Analyze and describe the properties and behaviors of relations, functions, and their inverses.

Standard and Supporting Skills

6.A.4.1. (Comprehension)
 Use concrete materials, graphs, and algebraic statements to represent problem situations.

LineUp With Math™ Activities

--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.

Measurement Standards

Indicator 1: Apply measurement concepts in practical applications.

Standard and Supporting Skills

6.M.1.1. (Comprehension)
 Select, use, and convert appropriate unit of measurement for a situation.

LineUp With Math™ Activities

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.